

2nd International Rhine Round Table Emerging Frontiers in Ceramic Materials and Glass

Inaugural symposium of the
Rhine Chapter Cologne
Cologne, Germany

24. September 2018
University of Cologne

venue Biozentrum Köln
(Building 304)
Zülpicher Straße 47b
50674 Cologne
Germany

Scope

The International Rhine Round Table was established as a platform to connect researchers from industry and academia, who are active in the field of ceramics and glass technology. Besides facilitating scientific discussions among world-class experts on the emerging trends in science and technology of ceramics materials and glass, this forum offers a common space to discuss shared interests among different professional societies in Germany, Europe and other regions worldwide to promote collaboration in research and training. Renowned international experts will participate this year to showcase their recent developments in fundamental and applied R&D, and to discuss new models for improving the engagement of young scientists in professional activities and societies.

Aim

- Facilitating international and interdisciplinary collaboration
- Promotion of young professionals
- Achieving gender equality

Topics

- Photovoltaics
- Li-based battery systems
- Piezoelectric energy harvesting
- Solar fuels
- Biomedical applications of nanostructured materials
- Materials for extreme environments
- Nanomaterials synthesis and integration
- Surface and interface engineering
- Correlative characterization methods
- Materials modelling and simulation

Tentative Program

- | | |
|-------|------------------------|
| 9:00 | Welcome Address |
| 9:15 | Society Spotlights |
| 10:30 | Coffee Break |
| 11:00 | Technical Sessions |
| 12:00 | Lunch |
| 13:30 | Technical Sessions |
| 15:30 | Coffee Break |
| 16:00 | Round Table Discussion |
| 17:30 | Concluding remarks |
| 18:00 | Networking Dinner |

Organizing Committee

ACerS Chapter: Sanjay Mathur, Chair (University of Cologne); Yakup Gönüllü, Vice-Chair (Schott AG); Emanuel Ionescu, Secretary (TU Darmstadt); Thomas Fischer, Treasurer (University of Cologne); Jennifer Leduc, Outreach Rep (University of Cologne) | **MRS Student Chapter:** Isabel Gessner, Chair (University of Cologne) | Silke Christiansen, Helmholtz Center Berlin (HZB)



The
American
Ceramic
Society



Welcome Remarks

Prof. Guenter Schwarz,
Dean, Faculty of Natural
and Mathematical
Sciences, University of
Cologne

Satellite Workshop

Role of Joint Labs and
Shared Characterization
Beds in Professional
Training (25.9.2018)

Administrative Contact

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